

Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
09010-113001Application No.  
09/751,299**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant  
Mark Madden et al.Filing Date  
December 28, 2000Group Art Unit  
1632**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
KK	AA	4,908,313	03/13/99	Satoh, et al.			
	AB	5,206,158	04/27/93	Clifford, et al.			
	AC	5,587,303	12/24/96	Wakamoto, A., et al.			
	AD	6,042,824	03/28/00	Khalaf, Nazer K.			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
↑	AE	JP61162195	1/11/85 (filed)	JP			Abs.	
	AF	JP04079894	3/13/92	JP			Abs.	
KK	AG	EP0596812	5/11/94	EP				
	AH	WO8607386	12/18/86	WO				
	AI	WO9102071	2/21/91	WO				
	AJ	WO9108287	6/13/91	WO				
	AK	WO9108316	6/13/91	WO				
	AL	WO9424305	10/27/94	WO				
	AM	WO9955310	11/04/99	WO				
	AN	WO9721805	6/19/97	WO				
	AO	WO9813119	4/2/98	WO				
	AP	WO0003685	1/27/00	WO				
	AQ	WO0104331	1/18/01	WO				
	AR	WO0104327	1/18/01	WO				
	AS	WO0114561	3/01/01	WO				
	AT	WO0118211	3/15/01	WO				
	AU	WO0121782	3/29/01	WO				
	AV	WO0125438	4/12/01	WO				
	AW	WO0129241	4/26/01	WO				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Signature

*Kathy Ka*

Date Considered

*3/27/03*

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KK	AX	Abato, et al., <i>An Enzymatic Method for Determining Enantiomeric Excess</i> , J. Am. Chem. Soc. 2001, 123, 9206-9207
	AY	Almatawah, et al., <i>Thermostable nitrilase catalysed production of nicotinic acid from 3-cyanopyridine</i> , Enzyme and Microbial Technology 25 (1999) 718-724
	AZ	Baumann, M., et al., <i>A high-throughput screening method for the identification of active and enantioselective hydrolases</i> Poster P-130, presented at Bio Trans 2001, September 2-7, 2001, Dramstadt, Germany
	AAA	Bhalla, T., et al., <i>Asymmetric hydrolysis of <math>\alpha</math>-aminonitriles to optically active amino acids by a nitrilase of Rhodococcus rhodochrous PA-34</i> 1992 Applied Micro Biotech 37:184-190
	ABB	Business Communications Company, <i>Amino Acids for Synthesis Applications – Introduction, Summary, Overview, Industry, Manufacture of Amino Acids, Peptide Synthesis Technologies and Amino Acid Products for Synthesis Use Section 7.2.5 Prices of Natural Amino Acids – No date</i>
	ACC	Business Communications Company, <i>Amino Acids for Synthesis Applications – Introduction, Summary, Overview, Industry, Manufacture of Amino Acids, Peptide Synthesis Technologies and Amino Acid Products for Synthesis Use Section 7.3 Unnatural Amino Acids</i> February 1999; 9 pgs.
	ADD	Caruso, et al., <i>Assembly of B-glucosidase multilayers on spherical colloidal particles and their use as active catalysts</i> ; Physicochemical and Engineering Aspects 169 (2000) 287-293
	AEE	Cheong, et al., <i>Cloning of a wide-spectrum amidase from Bacillus stearothermophilus BR388 in Escherichia coli and marked enhancement of amidase expression using directed evolution</i> , Enzyme and Microbial Technology 26 (2000) 152-158
	AFF	Choi, et al., <i>Hydrolysis of the Nitrile group in <math>\alpha</math>-Aminophenylacetonitrile by Nitrilase; Development of a New Biotechnology for Stereospecific Production of S-<math>\alpha</math>-Phenylglycine</i> , Arch. Pharm. Res. (1986) pgs. 45-47
	AGG	Cowan, et al., <i>Biochemistry and biotechnology of mesophilic and thermophilic nitrile metabolizing enzymes</i> , Extremophiles (1998) 2:207-216
	AHH	Crosby, et al., <i>Enzymic Hydrolysis of Prochiral Dinitriles</i> , Tetrahedron Asymmetry Vol. 3, No. 12, pp. 1547-1550, 1992
✓	AII	Dufour, et al., <i>Synthesis of amidrazones using an engineered papain nitrile hydratase</i> , FEBS Letters 433 (1998) 78-82
	AJJ	Fourmand, et al., <i>Monohydroxamic acid biosynthesis</i> , Journal of Molecular Catalysis B: Enzymatic 5 (1998) 207-211 No copy
	AKK	Gabriel, et al., <i>High-performance liquid chromatographic study of the aromatic nitrile metabolism in soil bacteria</i> , Journal of Chromatography B, 681 (1996) 191-195 No copy
KK	ALL	Gallifuoco, et al., <i>Immobilized B-glucosidase for the winemaking industry: study of biocatalyst operational stability in laboratory-scale continuous reactors</i> Process Biochemistry 35 (1999) 179-185
KK	AMM	GenBank Accession No.: E-01313, September 29, 1997
KK	ANN	Graham, et al., <i>Nitrile biotransformations using free and immobilized cells of a thermophilic bacillus spp.</i> Enzyme and Microbial Technology 26 (2000) 368-373
KK	AOO	Hughes, et al., <i>Application of whole cell rhodococcal biocatalysts in acrylic polymer manufacture</i> Antonie Van Leeuwenhoek Vol. 74, Abstract only
	APP	Kim, et al., <i>Cloning and expression of the nitrile hydratase and amidase genes from Bacillus sp. BR449 into Escherichia coli</i> Enzyme Microbiology Technology 2000 492-501

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KK	AQQ	Kobayashi, et al., <i>Nitrilase of Rhodococcus rhodochrous J1</i> Eur. J. Biochem. 182, pgs. 349-356 (1989)
KK	ARR	Liu, et al., <i>Determination of Organonitriles Using Enzyme-Based Sselectivity Mechanisms. 2. A Nitrilase-Modified Glassy Carbon Microelectrode Sensor for Benzonitrile</i> Anal. Chem. 1995 67 Abstract <i>only</i>
KL	ASS	Mala, et al., <i>Towards regioselective synthesis of oligosaccharides by sue of <math>\alpha</math>-glucosidases with different substrate specificity</i> Carbohydrate Research 322 (1999) 209-218
KK	ATT	Martino, et al., <i>Immobilization of B-glucosidase from a Commercial Preparation Part 1. A Comparative Study of Natural Supports</i> , Process Biochemistry Vol. 31 No. 3, pp. 281-285, 1996
	<del>AUU</del>	<del>Nagasawa, et al., <i>Microbial transformations of nitriles</i>, June 1989 Vol. 7, pp. 153-158</del> No Journal Title
	<del>AVV</del>	<del>Ogawa, et al., <i>Microbial enzymes: new industrial applications from traditional screening methods</i>, - 9 pages</del> incomplete citation
KK	AWW	Taillades, et al., <i>Enzymatic Hydrolysis of Racemic Phenylalaninamide With Pronase Immobilized On Ketonic Polymer</i> Bulletin De La Societe Chimique De France, Vol. 128, No. 3, 1991, pgs. 423-430 <i>in French</i>
KK	AXX	Zhou, et al., <i>Nucleotide sequence of a pathogen induced nitrilase gene from Arabidopsis thaliana: Nit2</i> (Accession No. U47114) Plant Gene Register PGR 96-006

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